

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF LABOR STATISTICS & RESEARCH
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

ADDRESS REPLY TO:

San Francisco

P.O. Box 420603
CA 94142-0603



SCOPE OF WORK PROVISIONS

FOR

FIELD SURVEYOR: CHIEF OF PARTY (018.167-010)
INSTRUMENTMAN (018.167-034)
CHAINMAN/RODMAN (869.567-010)

IN

ALAMEDA, COLUSA, CONTRA COSTA, DEL NORTE, EL DORADO,
HUMBOLDT, MADERA, MARIN, MARIPOSA, MERCED, MONTEREY,
NAPA, PLACER, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN
JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SHASTA,
SISKIYOU, SOLANO, SONOMA, STANISLAUS, TRINITY, TUOLUMNE,
AND YOLO COUNTIES

2005 - 2009

MASTER AGREEMENT

FOR

TECHNICAL ENGINEERS AND GENERAL SURVEYING

FOR

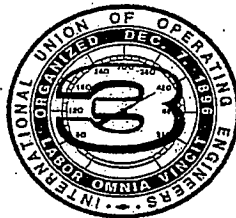
NORTHERN CALIFORNIA AND NORTHERN NEVADA

BETWEEN

OPERATING ENGINEERS LOCAL UNION NO. 3 OF THE
INTERNATIONAL UNION OF OPERATING ENGINEERS, AFL-CIO

and

BAY COUNTIES CIVIL ENGINEERS AND LAND SURVEYORS ASSOCIATION, INC.



RECEIVED
Department of Industrial Relations

AUG 05 2005

Div. of Labor Statistics & Research
Chief's Office

01.07.00 Coverage. This Agreement shall apply to all field and construction survey work including such work utilizing Global Positioning Systems (GPS), covered by this Agreement when performed in Northern California, which shall include the forty-six (46) California Counties north of the northerly boundaries of Kern and San Luis Obispo Counties and the westerly boundaries of Inyo and Mono Counties to the southerly boundary of the State of Oregon, and Northern Nevada; which shall include that portion of Nevada above the northerly boundary of Esmeralda, Nye and Lincoln Counties.

02.00.00 RECOGNITION-UNION SHOP- HIRING PROVISIONS

02.01.00 Union Recognition. The Employer and each Individual Employer covered hereby recognizes and acknowledges OPERATING ENGINEERS LOCAL UNION NO. 3 of the International Union of Operating Engineers, AFL-CIO, as the exclusive Section 9(a) collective bargaining representative of all Employees covered by this Agreement. The Employer, on its own behalf and on each Individual Employer's behalf, acknowledges that it and they have collective bargaining relationships with the Union within the meaning of Section 9(a) of the National Labor Relations Act.

02.02.00 Employer Recognition. The Union recognizes and acknowledges that the Employer includes in its membership a majority of the Individual Employers in the civil engineering and land surveying professions in the area in which they generally operate. By reason of such fact, the Union hereby recognizes the Employer as the collective bargaining representative with respect to the civil engineering and land surveying professions, firms or corporations who are now or hereafter may become members of any employer organization that is now or hereafter may be listed in Exhibit "A" appended hereto, and of any Employer who is not a member of any such employer organization who becomes a member of the Employer and is thereafter listed in Exhibit "A" appended hereto.

02.02.01 Additional Individual Employer. Provided that a person or entity is not then engaged in a currently existing labor dispute with the Union arising out of a failure to comply with the wages, hours, rates of pay or other conditions of employment required by the Union in the territorial jurisdiction of the Union where the dispute exists, such person or entity shall become an Individual Employer covered by this Agreement upon becoming a member of the Employer.

02.02.02 Binding Agreement. This Agreement shall bind each Individual Employer who has authorized the Employer to represent it with the same force and effect as if the Agreement were entered into by each such Individual Employer. Each such Individual Employer shall be and continue to remain bound to this Agreement for and during the term of this Agreement irrespective of whether such Individual Employer shall withdraw its authorization, resign, or be expelled from the Employer prior to the expiration date of this Agreement. However, any Individual Employer who is no longer a member of the Employer shall not be represented by the Employer and shall be bound to all provisions of this Agreement, except the provisions of this Agreement not contained in the then current Independent Agreement shall no longer apply to such Individual Employer. Such Individual Employer shall be bound to the Effective and Termination Dates provisions of the Independent Agreement.

02.03.00 Union Security. All Employees who are members of the Union in good standing on the effective date or date of execution of this Agreement, whichever shall be the later, shall remain members in good standing of the Union as a condition of continued employment. This clause shall be enforceable to the extent permitted by law.

02.03.01 Membership. All Employees not members of the Union in good standing on the effective date or date of execution of this Agreement, whichever shall be the later, and all Employees hired on or subsequent to such dates, shall, as a condition of continued employment, be members of the Union in good standing on and after the thirty-first (31st) day following the beginning of their employment on such dates, whichever shall be the later. This clause shall be enforceable to the extent permitted by law.

02.04.00 Notice of Requirements. The Individual Employer shall inform each Employee of the requirements of Sections 02.03.00 and 02.03.01 applicable to the State in which he/she is employed.

amount of overburden to be removed. Drafts or directs others to draft maps of survey data. May assist MINE SUPERINTENDENT (mine & quarry) (81.117-014 and MINING ENGINEER (mine & quarry) 101.061-014 in planning mining operations. May conduct surveys of tunnels, subway sites, and underground storage facilities.
GOE: 05.03.01 STRENGTH: L GED: R5 M5 L4 SVP: 7 DLU 80

018.167-010 CHIEF OF PARTY (profess. & kin.)

Leads work of survey party under direction of LAND SURVEYOR (profess. & kin.), performing surveying duties not requiring licensure
GOE: 05.03.01 STRENGTH: L GED: R5 M5 L4 SVP: 7 DLU 77

018.167-014 GEODETIC COMPUTATOR (profess. & kin.) alternate titles: topographic computer

Calculates latitude, longitude, angles, areas, and other information for map-making from field notes secured by engineering survey party, using reference tables and calculating machine or computer.
GOE: 05.03.01 STRENGTH: S GED: R5 M5 L4 SVP: 6 DLU 77

018.167-018 LAND SURVEYOR (profess. & kin.)

Plans, organizes, and directs work of one or more survey parties engaged in surveying earth's surface to determine precise location and measurements of points, elevations, lines, areas, and contours for construction, mapmaking, land division, titles, mining or other purposes: Researches previous survey evidence, maps, deeds, physical evidence, and other records to obtain data needed for surveys. Develops new data from photogrammetric records. Determines methods and procedures for establishing or reestablishing survey control. Keeps accurate notes, records, and sketches to describe and certify work performed. Coordinates findings with work of engineering and architectural personnel, clients, and others concerned with project. Assumes legal responsibility for work and is licensed by state.
GOE: 05.01.06 STRENGTH: L GED: R5 M5 L4 SVP: 7 DLU 77

018.167-022 MANAGER, LAND SURVEYING (profess. & kin.)

Plans, directs, and coordinates work of survey parties and related staff, engaged in surveying earth's surface and preparing reports and legal descriptions of land: Develops organization policy or interprets it to staff. Prepares or approves budget for unit or organization within assigned area of responsibility. Coordinates work of LAND SURVEYOR (profess. & kin.) with that of legal, engineering, architectural, and other staff on project. Directs survey parties and projects, and reviews and certifies completed work to satisfy legal requirements. Writes or directs the writing of descriptions of land to satisfy legal requirements according to standard surveying practices. Appears as expert witness in court in cases involving land or boundary disputes. Monitors new technology, and evaluates and purchases or authorizes purchase of new equipment and supplies. Selects new staff for employment and takes disciplinary action when necessary. Assumes legal responsibility for work performed and is licensed by state
GOE: 05.02.06 STRENGTH: L GED: R5 M5 L4 SVP: 8 DLU 77

018.167-026 PHOTOGRAMMETRIC ENGINEER (profess. & kin.)

Plans, coordinates, and directs activities of workers concerned with conducting aerial surveys and preparing topographic materials from aerial photographs and other data: Analyzes survey objectives and specifications, utilizing knowledge of survey uses, such as municipal and ecological planning, property and utility mapping, and petroleum and mineral exploration. Selects most appropriate and economical survey methods, using knowledge of capabilities of aerial photography and applications of remote sensing (imagery, through electronic scanning). Estimates cost of survey. Advises customers and department supervisors regarding flights for aerial photography and plans for ground surveys designed to establish base lines, elevations, and other geodetic measurements. Prepares charts and tables for aerial navigation, to specify flight path, altitude, and airspeed of camera-carrying aircraft. Computes geodetic measurements and interprets survey data from ground or aerial photographs or remote-sensing images to determine position, shape, and elevation of geomorphic and topographic features. Conducts research in surveying and mapping methods and procedures, using knowledge of techniques of photogrammetric map compilation, electronic data processing, and flight and control planning. May direct one or more phases of technical operations concerned with preparing survey proposals, negotiating with clients, scheduling activities, conducting surveys, processing data, reviewing work quality, and training and assigning personnel.
GOE: 05.03.01 STRENGTH: S GED: R6 M6 L5 SVP: 8 DLU 77

018.167-030 SUPERVISOR, MAPPING (petrol. & gas; pipe lines)

Supervises and coordinates activities of workers engaged in mapping production areas of petroleum or natural gas company. Supervises drafting personnel in drafting maps used for exploration, leasing of lands, and construction and operation of production facilities, such as pumping stations, storage tanks, drilling derricks, and pipelines. Reviews completed maps for neatness and accuracy. May supervise production of blueprints, photostats, and photographs
GOE: 05.03.02 STRENGTH: S GED: R4 M4 L4 SVP: 7 DLU 77

018.167-034 SURVEYOR ASSISTANT, INSTRUMENTS (profess. & kin.)

Obtains data pertaining to angles, elevations, points, and contours used for construction, map making, mining, or other purposes, using alidade, level, transit, plane table, theodolite, electronic distance measuring equipment, and other surveying instruments. Compiles notes, sketches, and records of data obtained and work performed. Directs work of subordinate members of survey team. Performs other duties relating to surveying work as directed by CHIEF OF PARTY (profess. & kin.).

GOE: 05.03.01 STRENGTH: L GED: R5 M5 L4 SVP: 7 DLU 77

018.167-038 SURVEYOR, GEODETIC (profess. & kin.)

Plans, directs, or conducts surveys of land areas of such size that shape and size of earth exerts sufficient influence on survey measurements to require use of special high-accuracy techniques, including astronomical observations and complex computations to compile data used in preparation of geodetic maps and charts.

GOE: 05.03.01 STRENGTH: L GED: R5 M5 L4 SVP: 7 DLU 77

018.167-042 SURVEYOR, GEOPHYSICAL PROSPECTING (petrol. & gas)

Locates and marks sites selected for conducting geophysical prospecting activities concerned with locating subsurface earth formations likely to contain petroleum deposits. Makes precise determinations of elevations and records other characteristics of terrain. May obtain permits for prospecting from property owner.

GOE: 05.03.01 STRENGTH: L GED: R5 M4 L4 SVP: 6 DLU 77

018.167-046 SURVEYOR, MARINE (profess. & kin.) alternate titles: surveyor, hydrographic

Makes surveys of harbors, rivers, and other bodies of water to determine shore lines, topography of bottom, or other items for such purposes as determining navigable channels, and securing data for construction of breakwaters, piers, and other marine structures.

GOE: 05.03.01 STRENGTH: M GED: R5 M5 L4 SVP: 7 DLU 77

018.261-010 DRAFTER, CARTOGRAPHIC (profess. & kin.) alternate titles: map maker; mapper

Draws maps of geographical areas to show natural and constructed features, political boundaries, and other features, performing duties described under DRAFTER (profess. & kin.) Master Title: Analyzes survey data, source maps and photographs, computer or automated mapping products, and other records to determine location and names of features. Studies legal records to establish boundaries of properties, and local, national, and international areas of political, economic, social, or other significance. Geological maps are drawn by DRAFTER, GEOLOGICAL (petrol. & gas).

GOE: 05.03.02 STRENGTH: S GED: R4 M4 L3 SVP: 7 DLU 77

018.261-018 EDITOR, MAP (profess. & kin.)

Verifies accuracy and completeness of topographical maps from aerial photographs and specifications: Views photographs and other reference materials, such as old maps and records and examines corresponding area of map to verify correct identification of specified topographical features and accuracy of contour lines. Verifies correct location and accuracy of scaled distances between control points and reference lines. Examines reference materials to detect omission of topographical features, poor register, or other defects in photography or draftsmanship. Marks errors and makes corrections, such as numbering grid lines or lettering names of rivers or towns.

GOE: 05.03.02 STRENGTH: L GED: R4 M4 L4 SVP: 7 DLU 77

018.261-022 MOSAICIST (profess. & kin.)

Lays out and matches aerial photographs to form photographic mosaic of geographic area for subsequent use in photogrammetric activities, such as topographical mapping: Lays out photographic prints on table according to sequence in which photographs were taken during flightpath of aircraft. Examines prints to locate established landmarks and notes absence of normal overlap of adjacent prints indicating deflection of aircraft from prescribed flightpath. Locates and marks specified reference points, such as structures and highway or rail junctions. Computes and measures scaled distances between reference points to establish exact relative position of adjoining prints. Trims excess from edges of overlapping prints and glues prints to backing board, maintaining scaled distances between reference points and alignment of adjoining prints

GOE: 05.03.02 STRENGTH: S GED: R4 M4 L4 SVP: 7 DLU 77

018.261-026 PHOTOGRAMMETRIST (profess. & kin.) alternate titles: cartographic technician

Analyzes source data and prepares mosaic prints, contour maps, profile sheets, and related cartographic materials requiring technical mastery of photogrammetric techniques and principles: Prepares original maps, charts, and drawings, from aerial photographs, and survey data and applies standard mathematical formulas and photogrammetric techniques to identify, scale, and orient geodetic points, elevations, and other planimetric or topographic features and cartographic detail. Graphically delineates aerial photographic detail, such as control points, hydrography, topography, and cultural features, using precision stereoplottting apparatus or drafting instruments. Revises existing maps and charts and corrects maps in various stages of compilation. May prepare rubber, plastic, or plaster three-dimensional relief models.

GOE: 05.03.02 STRENGTH: S GED: R4 M4 L4 SVP: 7 DLU 77

018.262-010 FIELD-MAP EDITOR (profess. & kin.)

Identifies and verifies information shown on aerial photographs used in map making. Travels over photographed area to observe and record all cultural and drainage features shown and not shown on photograph. Verifies numbers, names, and classes of roads and highways, location and number of railroads, location of state and county lines, and location and identification of streams, rivers, lakes, schools, and major buildings. Marks observations on map overlay, using specified symbols. Determines elevation of hills, trees, and buildings, using geometry. Obtains boundary and other official information from county records. May use stereoscope to combine information from two aerial maps.

869.487-010

bracket holes in cement, plaster, or wood and installs brackets, using hand or electric drill and screwdriver. Secures blinds in brackets and pulls lowering, raising and tilting cords to detect and adjust functioning defects. Measures installation site to obtain specifications for fabrication of blinds. May sell venetian blinds and assist customer in color selection of blinds. May clean and repair venetian blinds [VENETIAN-BLIND CLEANER AND REPAIRER (any industry)]. May assemble new venetian blinds [VENETIAN-BLIND ASSEMBLER (furniture; retail trade)].

GOE: 05.10.01 STRENGTH: M GED: R3 M2 L2 SVP: 4 DLU: 77

869.487-010 MEASURER (struct. metal)

Measures door and window openings in buildings for metal-framed doors and windows. Measures opening for size of door or window required. Records measurements for fabricators and assemblers. May adjust and repair faulty doors or windows, using manual and portable power tools.

GOE: 05.09.02 STRENGTH: M GED: R3 M2 L2 SVP: 4 DLU: 77

869.564-010 LINE WALKER (petrol. & gas; petrol. refin.; pipe lines) alternate titles: line rider

Patrols oil and gas pipelines and communication systems on foot, horseback, or in automobile to locate and repair leaks, breaks, washouts, and damaged utility wires and poles. Inspects pipelines to detect evidence of leaks, such as oil stains, odors, and dead vegetation. Repairs small leaks, using caulking tools, hammers, clamps, and wrenches. Reports large leaks and washouts to district office. Inspects telephone and telegraph wires to locate broken insulators, wires and fallen poles, and reports findings. Inspects operation of automatic drip bleeder on gaslines to detect malfunctions, such as clogged valves, and adjusts or repairs valves, using handtools. Installs and replaces warning signs along road and water crossings. Prepares inspection reports.

GOE: 05.07.01 STRENGTH: L GED: R3 M2 L3 SVP: 4 DLU: 77

869.567-010 SURVEYOR HELPER (any industry)

Performs any of following duties to assist in surveying land: Holds level or stadia rod at designated points to assist in determining elevations and laying out stakes for mapmaking, construction, mining, land, and other surveys. Calls out reading or writes station number and reading in notebook. Marks points of measurement with elevation, station number, or other identifying mark. Measures distance between survey points, using steel or cloth tape or surveyor's chain. Marks measuring points with keel (marking crayon), paint sticks, scratches, tacks, or stakes. Places stakes at designated points and drives them into ground at specified elevation, using hammer or hatchet. Cuts and clears brush and trees from line of survey, using brush hook, knife, ax, or other cutting tools. May perform duties as directed by LAND SURVEYOR (profess. & kin.) or SURVEYOR ASSISTANT, INSTRUMENTS (profess. & kin.). May perform one operation and be designated Brush Clearer, Surveying (any industry); Staker, Surveying (any industry); Surveyor Helper, Chain (any industry); Surveyor Helper, Rod (any industry).

GOE: 05.12.02 STRENGTH: M GED: R3 M1 L2 SVP: 4 DLU: 77

869.662-010 LIFT-SLAB OPERATOR (construction) alternate titles: slab lifting engineer; slab lifting supervisor

Operates hydraulic jacks to raise precast concrete floors and roof slabs into position. Directs HYDRAULIC-JACK ADJUSTERS (construction) engaged in erecting scaffolds, hoisting and installing hydraulic jacks on top of support columns, erecting lift rods, and fastening them to jack and support plates set in concrete slab. Measures and marks grade lines on support columns. Connects pump and jacks to control panel, and positions panel on slab so that jacks and grade marks may be observed during lifting. Starts pump and moves levers and valves on control panel to regulate action of jacks. Signals worker to verify grade with rule. Adjusts control valves when slab has reached predetermined position. Directs welding crew to weld supporting collars or brackets to column. May drive truck, equipped with winch, to raise jacks to position on support columns, and to lift and remove equipment from slab.

GOE: 05.12.04 STRENGTH: M GED: R4 M2 L3 SVP: 7 DLU: 77

869.664-010 CONCRETE-BUILDING ASSEMBLER (mfd. bldgs.)

Performs any combination of following duties concerned with assembling concrete buildings at construction site, working as member of crew: Positions column location templates at specified locations on prepared concrete foundations for installing wall panel support columns. Nails template to floor, using cement nails and hammer. Enlarges recessed area around reinforcement rod projecting from floor at column installation site to ensure proper height of column when installed, using hammer and chisel. Wets area with water to ensure bonding of mortar, and applies mortar with trowel. Installs column in wet mortar with protruding pipe end of column down over rod. Aligns and braces column vertically, using bubble level, board, nails, and hammer. Nails upper column support templates to top of columns, using hammer and measures distance between columns, using tape. Installs outside and inside wall panels that have tongue-and-groove edges, using pneumatic hoist. Inserts pin through hoist hooks and holes in concrete wall panels to lift and position panels between columns. Signals worker to operate hoist to maneuver panel past rough spots in grooves of columns. Removes obstructions in grooves with hammer and chisel. Patches holes, cracks, and joints in assembled sections of building, using mortar and trowel.

GOE: 05.12.12 STRENGTH: H GED: R2 M2 L2 SVP: 4 DLU: 77

869.664-014 CONSTRUCTION WORKER I (construction)

Performs any combination of following duties on construction projects, usually working in unskilled capacity, by transferring from one task to another where

demands require worker with varied experience and ability to work without close supervision: Measures distances from grade stakes, drives stakes, and stretches tight line. Bolts, nails, aligns, and blocks up under forms. Signals operators of construction equipment to facilitate alignment, movement, and adjustment of machinery to conform to grade specifications. Levels earth to fine grade specifications, using pick and shovel. Mixes concrete, using portable mixer. Smooths and finishes freshly poured cement or concrete, using float, trowel, or screed. Positions, joins, aligns, and seals pipe sections. Erects scaffolding, shoring, and braces. Mops, brushes, or spreads paints or bituminous compounds over surfaces for protection. Sprays materials such as water, sand, steam, vinyl, paint, or stucco through hose to clean, coat, or seal surfaces. Applies caulking compounds by hand or with caulking gun to seal crevices. Grinds, sands, or polishes surfaces, such as concrete, marble, terrazzo, or wood flooring, using abrasive tools or machines. Performs variety of tasks involving dextrous use of hands and tools, such as demolishing buildings, sawing lumber, dismantling forms, removing projections from concrete, mounting pipe hangers, and cutting and attaching insulating material. Work is usually performed with other workers. May be designated according to duties performed as Batterboard Setter (construction); Billboard-Erector Helper (construction); Bricklayer, Paving Brick (construction); Caulker (construction). May be designated: Carpenter Helper, Maintenance (construction); Cement Mason, Highways And Streets (construction); Cement Sprayer, Nozzle (concrete prod.; construction); Concrete-Wall-Grinder Operator (construction); Corrugated-Sheet-Material Sheeter (construction); Cradle Placer (construction); Dampproof (construction); Drain Layer (construction); Duct Installer (construction; mfd. bldgs.); Fine Grader (construction); Filter (construction; pipe lines); Floor Finisher (construction); Floor-Sanding-Machine Operator (construction); Form-Building Helper (construction); Form Setter, Metal-Road Forms (construction); Form Setter, Steel Forms (construction); Form Setter, Steel-Pan Forms (construction); Foundation-Drill-Operator Helper (construction); Glazier Helper (construction); Ground Wire (construction); Holder, Pile Driving (construction); Hydrant-And-Valve Setter (construction); Insulation Installer (construction); Joist Setter, Adjustable Steel (construction); Laborer, Adjustable Steel Joist (construction); Laborer, Carpentry, Dock (construction); Layer-Out, Plate Glass (construction); Lightning-Rod Erector (construction); Ornamental-Iron-Worker Helper (construction); Painter, Rough (construction); Painter, Structural Steel (construction); Paint-Stripping-Machine Operator (construction); PermaStone Dresser (construction); Pile-Driving Setter (construction); Pipe Caulker (construction); Pipe Layer (construction); Pipeline Worker (construction); Plumber Helper (construction); Pointer, Caulker, And Cleaner (construction); Pump-Erector Helper (construction); Receiver Setter (construction); Roofer, Vinyl Coating (construction); Seat Installer (construction); Septic-Tank Servicer (construction); Sewer Tapper (construction); Shorer (construction); Stone Polisher (construction); Tapping-Machine Operator (construction); Tuck Pointer (construction); Waterproof (construction); Well-Drill-Operator Helper, Cable Tool (construction); Well-Drill-Operator Helper, Rotary Drill (construction); Wrecker (construction).

GOE: 05.10.01 STRENGTH: H GED: R3 M3 L3 SVP: 4 DLU: 88

869.664-018 SEWER-LINE REPAIRER (sanitary ser.)

Repairs and maintains municipal storm and sanitary sewer lines, performing any combination of following tasks: Inspects manholes to locate stoppage. Runs cleaning rods through rod guide, fits front end of rod with auger, using wrench, and lowers guide into position. Thrusts rods into and advances them until auger reaches obstruction. Rotates rods manually with turning pin, or attaches end of rod to portable power rodder to rotate rods. Pulls lever and depresses pedal of machine to advance cleaning tool to encounter obstruction and to rotate cable or rods until obstacle is broken. Retracts rods to drag out obstructions, such as roots, grease, and other deposits. Cleans and repairs catch basins, manholes, culverts, and storm drains, using handtools. Lays brick to raise manhole walls to prescribed street level, using masonry tools. Measures distance of excavation site, using tape measure, and marks outline of area to be trenched according to direction of supervisor. Breaks asphalt and other pavement, using airhammer, pick, and shovel. Cuts damaged section of pipe with cutters and removes broken section from ditch. Replaces broken pipes and reconnects pipe sections, using pipe sleeve. Inspects joints to ensure tightness and seal before backfilling. Packs backfilled excavation, using air and gasoline tamper. Taps mainline sewers to install sewer saddles. Replaces manhole covers. Updates sewer maps and manhole charting. Drives pickup trucks to haul crew, materials, and equipment. Services, adjusts, and makes minor repairs to equipment, machines, and attachments. Communicates with supervisor and other workers, using radio telephone. Prepares records showing actions taken, human resource and equipment utilization, and disposition of material. Requisitions tools and equipment. Operates sewer cleaning equipment including power rodder, high velocity water jet, sewer flusher, bucket machine, wayne ball, and vac-all. Cleans and disinfects domestic basements and other areas flooded as a result of sewer stoppages. May lead workers in large repair and construction crew and direct other workers in efficient and safe use of machines, work methods, and safety procedures.

GOE: 05.12.12 STRENGTH: H GED: R3 M2 L2 SVP: 6 DLU: 86

869.665-010 AUXILIARY-EQUIPMENT TENDER (construction)

Tends one or more portable power-driven pumps, compressors, or generators to provide power for tools, machinery, and equipment, to remove water, or to maintain air supply at construction site: Connects hoses, pipelines, or power cables, using wrench, and fills fuel tank. Starts power unit, pump, or compressor, and sets controls to regulate air pressure or electricity. Observes temperature,